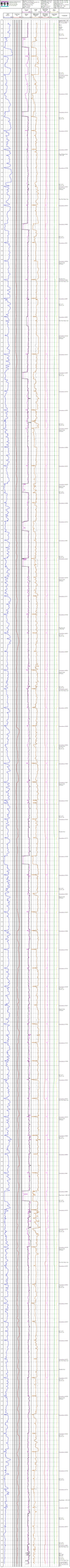

Boxberger Geological Services
0294 Cliff View Circle
Parachute, CO 81635
Phone: 970-285-2494
Fax: 970-285-2492

Operator: Ursa Resources
Well: Monument Ridge B 44A-08-7-95
Location: Sec. 8 T7S R95W
Field: Battlement Mesa
County: Garfield
State: Colorado

Drilling Rig: Capstar 321
Ground Elevation: 5702'
KB Elevation: 5719'
TVD vs. MD: 41'
Spud Date: 01/14/16
TD Date: 02/09/16

Surface Hole: 935' FSL x 166' FEL
Bottom Hole: 1236' FSL x 682' FEL
Drilling Fluid: LSND
Dates Logged: 02/07/16 - 02/09/16
Depth Logged: 3407' - 6944'
Logger: Tarin Boxberger

ROP (Feet/Hour) 0.0–400.0	Total Gas (Units) 1.0–10000.0	Torque (Ft Lbs) 0.0–15000.0 Rotary (RPM) 0.0–75.0	WOB (Klbs) 0.0–40.0 Differential Pressure (PSI) 0.0–800.0	Stand Pipe Pressure (PSI) 0.0–2800.0 PVT Mud Gain/Loss (Barrels) -100.0–100.0	Flow (Percent) 0.0–100.0 Total Mud (Barrels) 300.0–500.0	Comments

Comments

Logging depth = 3407'. BGS service begins on 02/07/16 at 14:50.

Bit #2
7 7/8
Hughes
T505F
In at 1735'

In: 9.2/44
Out: 9.2/46

Connection at 3441'

Connection at 3483.7'

In: 9.2/44
Out: 9.2/47
Connection at 3526.4'
Pump Sweep
10 Barrels

Connection at 3569.1'

Connection at 3611.8'

In: 9.1/44
Out: 9.2/49

Connection at 3654.5'

Connection at 3697.1'

Prog Williams Fork = 3707' MD

Connection at 3739.8'

In: 9.2/43
Out: 9.2/48
Connection at 3782.7'
Pump Sweep
15 Barrels

Zero Mud Gain/Loss

Connection at 3825.5'

Connection at 3868.2'

In: 9.2/45
Out: 9.0/53

Connection at 3911'

Connection at 3953.6'
Pump Sweep
10 Barrels

Transfer Mud
Connection at 3996.4'
Zero Mud Gain/Loss

Connection at 4039'

In: 9.1/47
Out: 9.1/47

Connection at 4081.7'

Zero Mud Gain/Loss

Connection at 4124.4'
Pump Sweep
10 Barrels

Connection at 4167.2'

Connection at 4209.7'
In: 9.1/47
Out: 9.1/48

Connection at 4252.4'

Connection at 4295.1'

In: 9.0/41
Out: 8.9/48

Connection at 4337.9'
Pump Sweep
10 Barrels

Connection at 4380.4'

Connection at 4423.1'

Connection at 4465.8'
Pump Sweep
10 Barrels

In: 9.1/46
Out: 9.0/50

Connection at 4508.6'

Connection at 4551.4'

Connection at 4594'

In: 9.0/42
Out: 9.1/46
Connection at 4636.7'

Connection at 4679.3'
Pump Sweep
10 Barrels

Connection at 4722'

Connection at 4764.6'

Prog Top Gas = 4794' MD

Connection at 4807.2'
In: 9.2/41
Out: 9.1/44

Connection at 4849.9'

Connection at 4892.6'
Pump Sweep
10 Barrels

In: 9.2/40
Out: 9.1/43
Connection at 4935.5'
Zero Mud Gain/Loss

Connection at 4978.3'

Connection at 5020.9'

Connection at 5063.6'
Transfer Mud
In: 9.2/39
Out: 9.1/43

Connection at 5106.3'

Connection at 5149'
Pump Sweep
10 Barrels

Connection at 5191.8'

In: 9.2/38
Out: 9.1/40
Connection at 5234.5'

Transfer Mud

Connection at 5277.2'

Connection at 5319.9'

Connection at 5362.6'

In: 9.3/38
Out: 9.1/40

Connection at 5405.2'

Pump Sweep
10 Barrels

Connection at 5447.9'

Connection at 5490.6'

Connection at 5533.4'

Connection at 5576.1'

Connection at 5618.9'
In: 9.4/38
Out: 9.1/42

Connection at 5661.7'

Pump Sweep
10 Barrels

Connection at 5704.4'

Connection at 5747.2'

Connection at 5789.8'

In: 9.4/37
Out: 9.2/41

Connection at 5832.5'

Connection at 5875.2'
Zero Mud Gain/Loss

Connection at 5917.9'
Pump Sweep
10 Barrels

Connection at 5960.5'
In: 9.3/38
Out: 9.1/47

Connection at 6003.3'

Connection at 6046'

Connection at 6088.7'

Prog Cameo = 6096' MD

In: 9.4/38
Out: 9.2/38

Connection at 6131.5'

Connection at 6174.2'
In: 9.4/38
Out: 9.2/40

Connection at 6216.9'
Pump Sweep
10 Barrels

Zero Mud Gain/Loss

Connection at 6259.7'

Connection at 6302.4'
In: 9.4/36
Out: 9.3/38

Connection at 6345.1'

Connection at 6387.9'

In: 9.5/38
Out: 9.2/42

Connection at 6430.6'

Connection at 6473.3'
Zero Mud Gain/Loss

Transfer Mud

Connection at 6516'
In: 9.5/39
Out: 9.3/43

Connection at 6558.8'
Pump Sweep
10 Barrels

Connection at 6601.4'

Connection at 6644.1'
In: 9.5/38
Out: 9.3/47

Connection at 6686.8'

Connection at 6729.4'

In: 9.5/43
Out: 8.9/50

Connection at 6772.1'

Prog Rollins = 6796' MD

Connection at 6814.8'

In: 9.5/41
Out: 9.3/44

Connection at 6857.5'

In: 9.5/38
Out: 9.4/42
Connection at 6900.2'
Zero Mud Gain/Loss

Bit #2
FTG: 5209'
HRS: 48.5
In: 9.5/42
Out: 9.4/44
Zero Mud Gain/Loss
Monument Ridge B 44A-08-7-95 TD'd at 6944' on 02/09/16 at 03:34.